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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 5201**  
Syuji MATSUDA et al. : Attorney Docket No. 2004\_1091A  
Serial No. 10/501,150 : Group Art Unit 2113  
Filed July 13, 2004 :  
INTERLEAVED DATA ERROR : **THE COMMISSIONER IS AUTHORIZED**  
CORRECTION METHOD DEVICE : **TO CHARGE ANY DEFICIENCY IN THE**  
**FEES FOR THIS PAPER TO DEPOSIT**  
**ACCOUNT NO. 23-0975**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Syuji MATSUDA et al.

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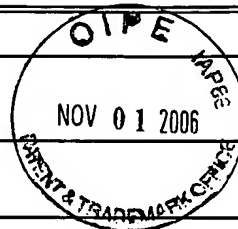
KWF/jjv  
Washington, D.C. 20006-1021  
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November 1, 2006

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: November 1, 2006

ATTY DOCKET NO.  
2004\_1091ASERIAL NO.  
10/501,150APPLICANT  
Syuji MATSUDA et al.FILING DATE  
July 13, 2004GROUP  
2113

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,378,100	4/2002	Van Dijk et al.			
	AB	2002/0157055	10/2002	Coene et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AH	99/60706	11/1999	WO			
	AI						
	AJ						
	AK						
	AL						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Narahara, T. et al., "Optical Disc System for Digital Video Recording", Japanese Journal of Applied Physics, Publication Office, Tokyo, Japan, Volume 39, No. 2B, Part 1, July 11, 1999, pages 912-919, XP001005912
	AN	Coene, W. et al., "Channel Coding and Signal Processing for Optical Recording Systems Beyond DVD", IEEE Transactions on Magnetics, IEEE Inc., New York, US, Volume 37, No. 2., Pt 1, August 14, 2000, pages 682-688, XP002204220
	AO	Tehranchi, B. et al., "Reliability Estimates for Data Recovered from Compact Discs", B. Tehranchi et al., Applied Optics, Optical Society of America, Washington, DC, US, Volume 37, No. 2, January 10, 1998, pages 386-395, XP000955394
	AP	Yamamoto, K. et al., "Error Modeling and Performance Analysis of Error-Correcting codes for the Digital Video Recording System", Proceedings of the Spie, Spie, Bellingham, Virginia, US, Volume 3865, July 1999, pages 339-341, XP008010988

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.